

PISTOL AUSTRALIA Inc.



RULEBOOK

Service Pistol

Service Pistol Unrestricted

Service Pistol 25Yard

Edition May 2016

FOREWORD

The original Pistol Australia (PA) Service Pistol event was introduced to the national championships programme in 1977 and since has been developed into the 90-shot 'holster' event, the 90shot 'unrestricted' event and 65-shot 25yards event.

Each of these three Service Pistol events combines long-range and short-range distances together with both fast-fire and slow-fire, and a number of shooting positions. These aspects make these events some of the most challenging in target pistol shooting.

While the national championships format for 'Service Pistol events is off-gun, at state, open and club competitions PA provides for graded competitions enabling shooters of all skill levels to enjoy these events.

This printing sees all the notes incorporated into the rules. Numbering has been changed but there are not substantial changes to the rules of conduct of the matches.

Where rules differ between the Service Pistol events, they are indicated by a vertical line to the left.

Rules changed from previous versions are indicated by a thick vertical line to the right.

Sharon Reynolds
NRC Director

PA HOLSTER ACCREDITATION

The PA Service Pistol rules require that the loaded handgun is drawn from a holster. Participants in this event must have current PA Holster Accreditation.

COPYRIGHT INFORMATION

© 2016, Pistol Australia Inc.

CONTENTS

1. GENERAL.....	4
2. SAFETY	4
3. RANGE AND TARGET STANDARDS.....	6
4. FIREARMS, EQUIPMENT & AMMUNITION.....	16
5. COMPETITION OFFICIALS	24
6. PRE-MATCH ADMINISTRATION	29
7. SHOOTING PROCEDURES & COMPETITION RULES.....	30
8. MALFUNCTION OF A PISTOL.....	51
9. RULES OF CONDUCT FOR SHOOTERS AND TEAM OFFICIALS.....	51
10. EQUIPMENT CONTROL	52
11. SCORING PROCEDURES	54
12. TIE BREAKING	56
13. PROTESTS AND APPEALS.....	57
14. PROTOCOL, AWARDS & RECORDS.....	57
15. MEDIA RELATIONS	58

1. GENERAL

Note: These Rules relate to and must be considered in conjunction with the PA Constitution and PA General Technical Rules for Pistol Shooting.

1.1 Objectives and Purpose of PA Rules:

Refer to the PA General Rules for Pistol Shooting.

1.2 Format

This rulebook has been formatted to cover Service Pistol, Service Pistol Unrestricted, and Service Pistol 25 Yard. Where there is a difference between the rules for Service Pistol, Service Pistol Unrestricted and Service Pistol 25 Yard they are shown thus:

SERVICE PISTOL ONLY - Rule #S/

Rules that pertain to Service Pistol only.

SERVICE PISTOL UNRESTRICTED ONLY - Rule #SU/

Rules that pertain to Service Pistol Unrestricted only.

SERVICE PISTOL 25 YARD ONLY – Rule #S25/

Rules that pertain to Service Pistol 25 Yard only.

There are also similar sections that cover 'Service Pistol & Service Pistol Unrestricted Only' and 'Service Pistol Unrestricted & Service Pistol 25 Yard'.

2. SAFETY

Refer also to the PA General Rules for Pistol Shooting.

2.1 Eye Protection

All persons near the firing line **MUST** wear suitable eye protection during the conduct of the match and practice .

2.2 Hearing Protection

All persons near the firing line **MUST** use hearing protection during the conduct of the match and practice.

2.3 Safety Mechanisms

For pistols and revolvers used in these matches, all safety mechanism/s must be operational and applicable to the type of handgun.

2.4 Holsters

During the course of the competition UNLOADED handguns may be carried in a holster only whilst under the control of the Range Officer or Chief Range Officer. **Note:** This rule is provided for the convenience of shooters during the Service Pistol Unrestricted, and Service Pistol 25 Yard matches. For these two matches the placing of a loaded handgun in a holster is specifically prohibited under any circumstances.

2.5 Unloaded

The handgun must be visibly clear to comply with the 'unloaded' provision while changing position from prone to sitting or kneeling, from sitting or kneeling to standing; i.e. in addition to there being no ammunition in the handgun, revolvers must have the cylinder swung out and semiautomatic must have the slide open and the magazine removed.

2.6 Holster Use

SERVICE PISTOL ONLY

S/2.6.1 Loaded handguns may be holstered only during and in accordance with the course of fire and under the direct command of the Range Officer.

S/2.6.2 After holstering a loaded handgun to his satisfaction, the shooter may not remove the handgun from the holster until the series commences, or under the direct control of the Range Officer. Practice draws are not permitted.

S/2.6.3 Shooters must have successfully completed the PA safe handling holster course and have possession of a current PA holster accreditation card

S/2.6.4 In special cases a shooter who is not in possession of a current PA Holster Safety Accreditation may be able to demonstrate equivalent proficiency to the satisfaction of the Jury. Only a Jury member (i.e. a PA Judge) can authorise this, and it will normally only be applied to an international shooter

S/2.6.5 At no time whether holstered or otherwise may a loaded handgun point rearwards.

SERVICE PISTOL UNRESTRICTED and SERVICE PISTOL 25 YARD ONLY

SU/S25/2.6.1 Loaded handguns may NOT be holstered at any time.

SU/S25/2.6.2 Vacant

SU/S25/2.6.3 Vacant

SU/S25/2.6.4 Vacant

SU/S25/2.6.5 At no time may a loaded handgun point rearwards.

2.7 Shooters and range personnel should take proper precautions when handling lead and lead products.

2.7.1 It is recommended that all shooters and range personnel follow standard OHS recommendations for personal hygiene after being on shooting ranges.

3. RANGE AND TARGET STANDARDS

Refer also to the PA General Rules for Pistol Shooting.

3.1 The PA Service Pistol Match Target

The black target zone is 760mm high and 450mm wide. The target should be surrounded by a white edge about 10mm wide, totalling the target card to a minimum of 780mm x 470mm.



The top edge of the scoring area begins at the upper midpoint in the 6 ring and ends at the lower midpoint of the 6 ring at the bottom of the target. It is divided into 5 scoring zones by white scoring lines approximately 1mm thick.

The central 10-point scoring zone is formed by two vertical lines each 5 cm long, 10cm apart and joined at their upper and lower ends by semicircles with a 5cm radius. The 10-point scoring zone is, therefore, 10 cm wide and 15 cm high. The scoring zones from 9 to 6 are similarly shaped. Their widths are successively increased by 10 cm (5 cm on either side) and their heights by 15 cm (7.5 cm, at the top and 7.5 cm at the bottom). The Centre of the 10-zone must be 37.5 cm from the top edge of the 6-ring. A tolerance deviation of +/- 0.5 mm is allowable for the dimensions of the 10-zone and +/- 1 mm for the other scoring zones. The zones are measured from the outside edge of the scoring lines. The scoring zones are marked with numbers corresponding to the value in points they represent (9, 8, 7, 6). Hits in the black corner of the zones outside the 6 ring shall be scored as zeros.

The score value numbers must be printed in four horizontal and vertical directions at right angles to each other. The figures should be 30 mm high and 15 mm wide with a printing thickness of approximately 2 mm. The 10-zone is not numbered.

Overall size of target is 470 x 780mm minimum

Black target area 450 x 760mm minimum

White edge 10mm minimum

X-ring (if printed)	50 x 75mm +/-0.5mm (line width for ring and 'X' approximately. 0.5mm wide)
10 ring	100 x 150 mm (+/- 0.5mm)
9 ring	200 x 300 mm (+/-1.0mm)
8 ring	300 x 450 mm (+/-1.0mm)
7 ring	400 x 600 mm (+/-1.0mm)
6 ring	500 x 750 mm (+/-1.0mm)

Line width for rings is approximately 1mm wide
The figures '9' to '6' should be 30mm high and 15mm wide with a printing thickness of approximately 2mm.

3.1.1 Targets with an X-ring may be used. It must be scored as a ten.

3.2 The PA Service Pistol 25 Yard Target

The ISSF 25 metre international Rapid Fire target will be used. Scoring zone measurements will be as follow:

Inner Ten:	50 mm (+/- 0.2 mm).
10 ring	100 mm (+/- 0.4 mm)
9 ring	180 mm (+/- 0.6 mm)
8 ring	260 mm (+/- 1.0 mm)
7 ring	340 mm (+/- 1.0 mm)
6 ring	420 mm (+/- 2.0 mm)
5 ring	500 mm (+/- 2.0 mm)



Black from 5 to 10 rings = 500 mm (+/-2.0 mm).

Ring thickness: 0.5 mm to 1.0 mm.

Minimum visible size of target card: width: 550 mm;

height: 520 mm – 550 mm.

Scoring ring values 5 – 9 are printed in the scoring zones, in vertical lines only. The 10 points zone is not marked with a number.

The zone numbers must be approximately 5 mm high and 0.5 mm

thick. White horizontal aiming lines replace the ring values at the

left and the right side of the target center. Each of the lines is 125 mm long and 5 mm wide.

3.3 New Targets

New targets must be provided for each shooter.

3.3.1 Where Service Pistol and/or Service Pistol Unrestricted are conducted in two sections (24 shots at 45.70m, and 66 shots at the other distances), new targets are to be provided at 45.70m, and at 22.85m.

3.3.2 New targets must be provided when it becomes impractical to patch shot-out targets.

3.4 Target Backing Boards

The backing board for the target must be cut out to the 8 ring if plywood or other solid material is used. This Centre portion must be replaced with cardboard, hessian, or similar material in order to facilitate scoring and the accurate measurement of skid shots.

3.5 Target Frames and Mechanisms

3.5.1 Targets must be fixed in such a manner that they have no appreciable movement even in high winds.

SERVICE PISTOL and SERVICE PISTOL UNRESTRICTED ONLY

S/SU/ 3.5.1 There will be a group of four targets for each shooter (*refer also to rule 3.11.4*)

SERVICE PISTOL 25 YARD ONLY

S/25/3.5.1 There will be a group of five targets for each shooter

- 3.5.2** Target frames or mechanisms must be marked with numbers or letters corresponding to their firing point number. The numbers or letters must be large enough to be easily seen under normal shooting conditions with normal vision at the appropriate distance whether the targets are exposed or not.
- 3.5.3** Each target in a group must additionally be numbered from left to right. The numbers must be large enough to be easily seen under normal shooting conditions with normal vision at the appropriate distance whether the targets are exposed or not.
- 3.5.4** Any target system may be used provided it guarantees the necessary degree of safety, accurate control of timing, accurate scoring and the rapid changing of targets.
- 3.5.5** At 45.70m, stationary target frames or turning target mechanisms may be used.
- 3.5.6** The distance between target centres on each group of targets will be 0.75m +/- 20mm.
- 3.5.7** The distance between each group of targets (the edges of the targets on adjacent groups) must be at least 1.5m.
- 3.5.8** The targets for the 22.85m, 9.14m and 6.40m courses must be equipped with a rotating or turning mechanism, which permits 90 degrees (+/- 10 degrees) turning of the targets on their vertical axis.
- 3.5.8.1** The automatic turning and timing mechanism must ensure the 90 degree rotation of the frames from the edge to the facing position and vice versa and their remaining in the facing position for the specified time.
- 3.5.8.2** When viewed from the top the targets must turn in a clockwise direction to the facing position and in a counter-clockwise direction to the edge-on position.

3.5.9 Target timing

- 3.5.9.1** The time allowed for turning must not exceed 0.3 seconds.
- 3.5.9.2** For facing times, a tolerance of + 0.2 seconds to -0.0 seconds is allowed.
- 3.5.9.2.1** If the time is less than specified or greater by more than 0.2 seconds, the Range Officer or a Jury Member must stop the shooting to allow the timing mechanism to be regulated. In such cases the Jury may postpone the start or restart of shooting.
- 3.5.9.3** Turning target timing starts the instant the targets begin to face and stops the instant they begin to turn away.
- 3.5.9.4** The targets in a group and in a range section must turn simultaneously.
- 3.5.9.5** When the targets have turned to face, there must be no visible vibration to distract the shooter.
- 3.5.9.6** Accurate and consistent timing of both the rotation periods and the periods at rest must be determined by one of the following methods:
 - 3.5.9.6.1** By placing a stop-watch on the edge of the target to allow the target movements to start and stop the watch,
 - 3.5.9.6.2** By using three hand-operated stop-watches with the middle (median) time accepted,
 - 3.5.9.6.3** By using other systems or devices approved by the National Referee Council.
- 3.5.9.7** Stationary target timing commences on the command "FIRE" and ceases on the command "CEASE FIRE", "STOP", or other appropriate signals.

3.6 Backing Targets

3.6.1 Backing targets must be used to identify crossfires, possible doubles and doubtful shots. They must be patched or replaced as required.

3.6.2 Backing targets should be made of white or light coloured paper, have no scoring rings and be of sufficient size to register shots fired from the corresponding shooting position.

3.6.2.1 Continuous backing targets may be used, and are recommended.

3.6.3 Backing targets must be located the same distance Centre to Centre as the competition targets, and a uniform distance of not less than one metre and not more than two metres behind the competition targets.

3.7 Range Standards

3.7.1 Ranges must have a line of targets and a firing line. The firing line is parallel to the line of targets. The firing points or shooting stations are located behind the firing line.

SERVICE PISTOL ONLY

S/3.7.2 A section of the Range must be provided as a safe handling area to enable shooters to check and adjust equipment (holsters etc.). This is not a live range and no live ammunition may be taken into this Safe Handling area. In no case may a pistol be loaded even with dummy rounds or empty cases.

S/3.7.2.1 The Safe Handling area must be under the supervision of a Range Official whilst being used.

SERVICE PISTOL UNRESTRICTED and SERVICE PISTOL 25 YARD ONLY

SU/S25/3.7.2 The provision of a safe handling area is not obligatory but is recommended.

3.8 Shooting Distances

3.8.1 Shooting distances must be strictly adhered to.

They are:

At 45.70m, +/-200mm (SP & SP U/R only).

At 22.85m, +/-100mm.

At 9.14m +/-50mm.

At 6.40m +/-50mm.

3.8.2 The firing line and boundary lines must be clearly marked.

3.8.3 The firing line and applicable boundary line are the edge of the lines nearest to the shooter.

3.9 Height of Target Centre

3.9.1 The targets in each group must be at the same height. (+/- 10mm).

3.9.2 The height of the centre of the target (centre of the 10 points zone) measured from the level of the firing point must be:

At 45.70m 1.40m +/- 200mm (SP & SP U/R only)

At 22.85m 1.40m +/- 200mm

At 9.14m 1.40m +/- 75mm

At 6.40m 1.40m +/- 50mm

3.10 The Firing Point

SERVICE PISTOL AND SERVICE PISTOL UNRESTRICTED ONLY

S/SU/3.10.1 The firing point and barricade (as applicable) must be centred on the middle of the group of four targets with an allowable deviation of 250mm on either side.

S/SU/3.10.2 For other than barricade shooting the shooter must remain within the boundaries defined by parallel lines drawn at right angles to the extremities of the targets being fired upon, i.e.

At 45.70m, 22.85m, and 9.14m on targets one to four
At 6.40m, on targets one and two.

SERVICE PISTOL 25 YARD ONLY

S25/3.10.1 The firing point and barricade (as applicable) must be centred on the middle of the group of five targets with an allowable deviation on 250mm on either side.

S25/3.10.2 For other than barricade shooting the shooter must remain within the boundaries defined by parallel lines drawn at right angles to the extremities of the targets being fired upon, i.e.

At 22.85m and 9.14m, on targets one to five
At 6.4m, on targets one and two.

- 3.10.1** The surface of the range must allow unobstructed view of the targets for all shooters, in all applicable shooting positions.
- 3.10.2** The firing point must be constructed so that it does not vibrate or move when persons are walking close by. If the floor is of earth or gravel it may be covered with canvas or other materials. From the firing line to at least 1.2m rearward, the shooting platform must be level.
- 3.10.3** The firing point may be equipped with a chair for the shooter and a shooter's table (optional).
- 3.10.4** A scoreboard approximately 50cm x 50cm on which the Register Keeper can post unofficial scores for the spectators is optional but desirable. The scoreboard should be located so that it can easily be seen by spectators but does not obscure their view of the shooters.

3.11 Barricades

SERVICE PISTOL & SERVICE PISTOL UNRESTRICTED ONLY

S/SU/3.11.1 There must be one barricade for each group of targets at 45.70m and at 22.85m (*see also 3.11.4*).

SERVICE PISTOL 25 YARD ONLY

S25/3.11.1 There must be one barricade for each group of targets at 22.85m (*see also 3.11.4*).

3.11.2 Barricades must be at least 100mm wide and at least 2.0m high, constructed so as to provide solid support for the shooter.

3.11.3 Barricades must be positioned so that the rear face of the barricade is in line with the firing line +/- 20mm.

3.11.4. Target group and barricades for ranges used for Service Pistol/Service Pistol Unrestricted and Service Pistol 25 Yard.

Where ranges for Service Pistol and Service Pistol Unrestricted at the 22.85m, 9.14m and 6.40m distances are also used for Service Pistol 25 Yard and/or 25m ISSF events, it is recommended that the leftmost four targets in each group of five targets be used for Service Pistol and Service Pistol Unrestricted.

Due to the difference in the placement of the 22.85m barricade position for the 90-shot Service Pistol matches and that for the Service Pistol 25 Yard, it is recommended that the 22.85m barricade be located in a compromise position that meets both requirements, i.e. split the difference and the barricade will be within the allowable tolerance for both.

3.12 Raised Shooting Platforms

- 3.12.1** On ranges where safety demands raised shooting platforms at the firing point, the minimum dimensions of the platform will be approximately 2.2m in length and from 1.2m in width and as high as is necessary to ensure safety.
- 3.12.2** The platform must be firm, stable and removable. They may be covered with a mat or pad.
- 3.12.3** Where platforms are used, the organisers may specify the method in which the shooters will assume the prone (or other) position on the platform.
- 3.12.4** Where raised platforms are to be used, this must be stated on the entry form.

3.13 Spectator areas

- 3.13.1** Sufficient space must be available for the shooters and range officials. This should be a minimum of 5 metres where range conditions allow
- 3.13.2** Where the match is conducted 'down the line', spectators and team officials 'moving up' with shooters are to remain at least 5 metres behind the shooters. Range officials may request a longer distance be maintained if they deem a safety hazard or disturbance may occur.
- 3.13.3** All spectators are to wear adequate eye protection

4. FIREARMS, EQUIPMENT & AMMUNITION

Refer also to the PA General Rules for Pistol Shooting.

4.1 Firearms

SERVICE PISTOL ONLY

S/4.1 Any centre fire revolver or semi-automatic pistol of calibre 9mm to 9.65mm (.356" to .380") may be used providing it complies with the following specifications:

S/4.1.1 The weight of the handgun with all accessories including balancing weights, case catchers and (for semiautomatic pistols) an unloaded magazine, must not exceed 1400 grams.

S/4.1.2 The overall size of the handgun is limited to those dimensions which will permit the pistol to be enclosed completely in a rectangular box having inside measurements of 300mm. x 150mm. x 50mm. A manufacturing tolerance of +1/-0mm in the dimensions of the box is permitted.

S/4.1.3 The wrist must be free from support (visibly free) when the pistol is held in the firing position, when shooting single-handed

S/4.1.4 Only open sights are allowed.

S/4.1.5 Minimum trigger pull of 1360 grams measured with the barrel held vertical.

Note: Weighing the trigger. The trigger pull must be measured with the test weight suspended near the middle of the trigger and the barrel held vertically.

The minimum trigger pull weight must be maintained throughout the competition. Pistols being capable of being operated single action will be tested in single **action mode**.

S/4.1.6 Adjustable grips are permitted.

S/4.1.7 Minimum barrel length:

For revolvers is 100 mm,

For semi-automatic pistols is 120mm.

Note: Barrel length is measured in an automatic pistol from the muzzle to the breech face (barrel plus chamber); In a revolver, the barrel only (excluding cylinder).

S/4.1.8 Muzzle brakes or any device operating in similar manners are not allowed.

S/4.1.9 Trigger shoes or trigger extensions must not protrude beyond the dimensions of the trigger guard.

S/4.1.10 The maximum magazine capacity of semiautomatic pistols is 10 rounds.

S/4.1.11 Vacant

S/4.1.12 Vacant

S/4.1.13 Vacant

SERVICE PISTOL UNRESTRICTED ONLY

SU/4.1 Any centre fire revolver or semi-automatic pistol of calibre 7.62mm to 9.65mm (.30" to .380") may be used providing it complies with the following specifications

SU/4.1.1 Vacant

SU/4.1.2 Vacant

SU/4.1.3 The wrist must be free from support (visibly free) when the pistol is held in the firing position, when shooting single-handed.

SU/4.1.4 Only open sights are allowed.

SU/4.1.5 Minimum trigger pull of 1360 grams measured with the barrel held vertical.

Note: Weighing the trigger. The trigger pull must be measured with the test weight suspended near the middle of the trigger and the barrel held vertically. The minimum trigger pull weight must be maintained throughout the competition. Pistols being capable of being operated single action will be tested in single action mode.

SU/4.1.6 Adjustable grips are permitted.

SU/4.1.7 Minimum barrel length:
For revolvers is 100 mm,

For semi-automatic pistols is 120mm except where the pistol is exempted as an ISSF pistol by the shooter's home state legislation.

Note: Barrel length is measured in an automatic pistol from the muzzle to the breech face (barrel plus chamber); In a revolver, the barrel only (excluding cylinder).

SU/4.1.8 Muzzle brakes or any device operating in similar manners are not allowed.

SU/4.1.9 Vacant.

SU/4.1.10 The maximum magazine capacity of semiautomatic pistols is 10 rounds.

SU/4.1.11 Vacant

SU/4.1.12 Vacant

SU/4.1.13 Vacant

SERVICE PISTOL 25 YARD ONLY

S25/4.1 Any centre fire revolver or semi-automatic pistol of calibre 7.62mm to 9.65mm (.30" to .380") may be used providing it complies with the following specifications:

S25/4.1.1 The weight of the handgun with all accessories including balancing weights, case catchers and unloaded magazine, must not exceed 1300 grams.

S25/4.1.2 The overall size of the handgun is limited to those dimensions which will permit it to be enclosed completely in a rectangular box having inside measurements of 250mm. x 150mm. x 50mm. A manufacturing tolerance of +1/-0mm in the dimensions of the box is permitted. An insert block 50mm x 150 x 50mm used in conjunction with a standard 25m ISSF box (300mm x 150mm x 50mm) is permissible.

S25/4.1.3 The wrist must be free from support (visibly free) when the pistol is held in the firing position, when shooting single-handed.

S25/4.1.4 Only open sights are allowed.

S25/4.1.4.1 Original factory pattern sights only are allowed.

S25/4.1.5 Minimum trigger pull of 1360 grams measured with the barrel held vertical.

Note: Weighing the trigger. The trigger pull must be measured with the test weight suspended near the middle of the trigger and the barrel held vertically. The minimum trigger pull weight must be maintained throughout the competition. Pistols being capable of being operated single action will be tested in single action mode.

S25/4.1.6 Orthopaedic and adjustable grips are not allowed, however finger grooves on the front strap below the trigger guard are permitted.

S25/4.1.7 Maximum barrel length;

* Semi-Auto 130 mm,

* Revolver 105 mm.

Note: Barrel length is measured in an automatic pistol from the muzzle to the breech face (barrel plus chamber); in a revolver the barrel only (excluding cylinder).

S25/4.1.8 Any muzzle brake or any device operating in similar manner is not allowed.

S25/4.1.9 Trigger shoes or trigger extensions must not protrude beyond the dimensions of the trigger guard.

S25/4.1.10 The maximum magazine capacity of semiautomatic pistols is 10 rounds.

S25/ 4.1.11 The maximum sight radius for revolvers shall be 150 mm. For semiautomatic pistols, the foresight shall not project further forward than the muzzle and the rear sight shall not project further back than the rear of the slide.

S25/4.1.12 The handgun must not be specifically chambered for wadcutter ammunition. It must accept and operate with commercially available round nose cartridges. Note: Pistols either chambered to accept only wadcutter ammunition or special cartridges developed to use round nose projectiles in wadcutter chambers are not eligible for this definition.

S25/4.1.13 No restriction is placed on revolvers with respect to ammunition type, however, no modifications are permitted to the length of revolver cylinders. See also S25/4.2.7.1 to 6.

4.2 Equipment

4.2.1 Corrective lenses and/or filters may not be attached to the handgun, but may be worn by the shooter.

4.2.2 Equipment required by the shooter may be taken to the firing line provided it does not impede the actions of other shooters or officials.

4.2.3 Equipment must not be hung on a barricade.

4.2.4 The use of any special device, means, or garment, which supports or immobilizes the shooter's legs, body, or arms, is prohibited (see also Physically Disabled Shooters 7).

4.2.5 Ear protection MUST be used. Electronic sound reducing devices may be used. Radios, tape recorders, and communication systems are prohibited both during the match and during practice.

4.2.6 Holsters

SERVICE PISTOL ONLY

S/ 4.2.6.1 Holsters must be practical, safe, serviceable, and suit the pistol used.

S/4.2.6.2 Cross-draw and shoulder holsters are prohibited.

S/4.2.6.3 Tie down rigs, visible or otherwise, are prohibited.

S/4.2.6.4 If a retention device is used to pass Equipment Control, then the retention device must be used throughout the match.

S/4.2.6.5 Unsafe Holsters: Match Officials are required to prohibit the unsafe use of any holster by any competitor. Therefore, in choosing a holster, and the position and manner in which it will be worn, a competitor should give due regard to the safety regulations in order to ensure that his choices are safely consistent with his personal shooting style and stance.

S/4.2.6.6 At no time whether holstered or otherwise may a loaded pistol point rearwards.

S/4.2.6.7 Whilst holstered, the trigger of the pistol must be covered.

S/4.2.6.8 The suitability, position and compliance will be tested at Equipment Control, and may be re-examined at any time during practice and competition.

SERVICE PISTOL UNRESTRICTED & SERVICE PISTOL 25 YARD ONLY

SU/S25/4.2.6.1 Loaded Pistols may NOT be holstered at any time.

SU/S25/4.2.6.2 TO 4.2.6.8 Vacant

4.2.7 Ammunition

SERVICE PISTOL ONLY

S/4.2.7.1 Centre Fire ammunition of calibre 9mm to 9.65mm (.356" to .380") may be used.

S/4.2.7.2 Projectiles must be made of lead or similar soft Material. Jacketed projectiles are not permitted.

S/4.2.7.3 Ammunition used by the shooter during a match shall be identical in projectile design, weight, and velocity. There is no restriction on projectile design (e.g. round-nose, wadcutters, or semi-wadcutters may be used) but they may not be mixed.

S/4.2.7.4 Ammunition used must meet or exceed a Power Factor of 120,000 when checked using the formula:
Power Factor = Bullet weight (in grains) multiplied by the muzzle velocity (in fps).

S/4.2.7.5 Ammunition to be used may be examined by the Range Officer or Jury.

S/4.2.7.6 Vacant

SERVICE PISTOL UNRESTRICTED ONLY

SU/4.2.7.1 Centre Fire ammunition of calibre 7.62 mm to 9.65mm (.30" to .380") may be used.

SU/4.2.7. 2 Projectiles must be made of lead or similar soft material. Jacketed projectiles are not permitted.

SU/4.2.7.3 Vacant

SU/4.2.7.4 Vacant

SU/4.2.7.5 Ammunition to be used may be examined by the Range Officer or Jury.

SU/4.2.7.6 Vacant

SERVICE PISTOL 25 YARD ONLY

S25/ 4.2.7.1 Centre Fire ammunition of calibre 7.62mm to 9.65mm (.30" to .380") may be used.

S25/4.2.7.2 Projectiles must be made of lead or similar soft material. Jacketed projectiles are not permitted.

S25/4.2.7.3 Ammunition used by the shooter during a match shall be identical in projectile design, weight and velocity. There is no restriction on projectile design (e.g. round-nose, wadcutters, or semi-wadcutters may be used but they may not be mixed).

S25/4.2.7.4 Ammunition used must meet or exceed a Power Factor of 60,000 when checked using the formula:
Power Factor = Bullet weight (in grains) multiplied by the muzzle velocity (in f p s.)

S25/4.2.7.5 Ammunition to be used may be examined by the Range Officer or Jury.

S254.2.7.6 All ammunition necessary for a stage must be carried loose in a pocket (one pocket only) at the beginning of the stage. Spare magazines or devices to aid in loading are not permitted.

5. COMPETITION OFFICIALS

Refer also to the PA General Rules and PA General Technical Rules for Pistol Shooting, which cover other officials.

5.1 Jury

5.1.1 At PA Competitions, a Jury must be formed to advise, assist and supervise the competition officials appointed by the Organising Committee.

- 5.1.2** Shooters and Team Officials may not be members of a Jury. Jury members must not advise or assist shooters beyond the scope of the PA rules at any time during the competition.
- 5.1.3** All Range Officers and members of the Jury must be familiar with the rules of PA and ensure the rules are enforced in a fair and equitable manner.
- 5.1.4** The Range Officer and Jury must control the competition in close cooperation with each other. The Range Officers are responsible for the actual conduct of the competition while the Jury will act in an advisory and supervisory capacity. The Range Officers and Jury are responsible to the Organising Committee and PA respectively for the conduct of the competition in accordance with these rules.
- 5.1.5** At National Competitions the Jury must consist of 2 to 7 members who must hold an NRC Judge's licence valid for the match. The NRC may give authority to other experienced persons to act as Jury Members.
- 5.1.6** Members of the Jury have the right to make individual decisions during the competition, but should confer with other Jury Members and Range Officers when any doubt exists.
- 5.1.7** All cases in dispute must be decided by a majority of the Jury. The Team Official or shooter concerned may appeal the Jury decision to the Jury of Appeal.
- 5.1.8** Before the beginning of the competition and during the competition the Jury must examine the shooting ranges and check the organisational arrangements and the organisation of the operational personnel etc. to ensure that they conform to PA Rules.
- 5.1.9** The Jury must supervise the examination of Pistols, equipment and accessories and continuously observe the shooting positions and procedures of the shooters.

5.1.10The Jury has the right to examine the pistols, equipment, positions, etc., of shooters at any time, even during the competition. During the competition, approach should not be made while the shooter is firing a shot or a series of shots. Immediate action must be taken when a matter of safety is involved.

5.1.11The Jury must supervise target distribution, the allocation of firing points and shooting time schedules.

5.1.12The Jury must accept any protests submitted in accordance with PA rules. After consultation with the Range Officers and others directly concerned it will rule on the protest.

5.1.13No penalty will be imposed without the approval of a Member of the Jury. Penalties may be confirmed by a Jury member at any time before the completion of Protest Time.

5.1.14A majority of the Jury must be present on the Range during a competition so that if necessary a Jury decision can be made immediately. The Chairman of the Jury must ensure the presence of sufficient members of the Jury.

5.1.15The Jury must decide in all cases that are not provided for in the rules of PA: such decisions must be made within the spirit and intent of these rules.

5.2 Jury of Appeal

5.2.1 At national championships a Jury of Appeal must be appointed in accordance with the PA General Technical Rules.

5.2.2 Shooters and Team Officials may not be members of the Jury of Appeal.

5.2.3 Its function is to make decisions on protests submitted to it.

5.2.4 Decisions of the Jury of Appeal are final.

5.3 Chief Range Officer

- 5.3.1** There must be one Chief Range Officer, in charge of all Range Officers and Range Personnel. He is responsible for the correct conduct of the competitions.
- 5.3.2** The Chief Range Officer must cooperate with the Jury at all times.
- 5.3.3** He must arrange after consultation with the Jury and the Organising Committee, the measures to be taken for the elimination of technical faults occurring (e.g. power failure, mechanical breakdown etc.). He must have technical experts on call and necessary material and emergency service available. He must take charge when irregularities occur which his Range Officers are unable to resolve.
- 5.3.4** He may receive protests and pass them onto the Jury.
- 5.3.5** In cooperation with the Chief Classification Officer he must ensure that targets are scored efficiently, so that no delays occur in the publication of the results.

5.4 Range Officer

- 5.4.1** A Range Officer must be appointed for each section of target groups.
- 5.4.2** Range Officers must, in addition to those duties laid down in the PA general rules:

SERVICE PISTOL & 25 YARD SERVICE PISTOL ONLY

S/S25/5.4.2.1 During Preparation Time for the first stage of the competition, collect ten (10) sample rounds at random (selected by the Range Officer, not by the competitor) from those to be used by each competitor during the competition. These rounds are to be identified with the competitor's name and competition number and transported to Equipment Control

5.5 Register Keepers

- 5.5.1** The Cameron Scoring System may be used (refer to PA General Technical Regulations.)
- 5.5.2** If the Cameron Scoring System is not used there must be 2 Register Keepers for each section of targets.
- 5.5.3** The second Register Keeper will be at the target line, and record the scores in the range register, as called to him by the Scorer.
- 5.5.4** The first Register Keeper will be at the firing line, and will record the scores on the small score board provided and/or on the second score card as called to him by the scorer.
- 5.5.5** In case of a difference that cannot be resolved, between the score recorded by the First Register Keeper and the Second Register Keeper, the score will be that of the Second Register Keeper.

5.6 Target Operator

- 5.6.1** A Target Operator will operate the target control and timing mechanism under the direction of the Range Officer.
- 5.6.1.1** Where the range facilities are suitable, the Range Officer may also be the Target Operator.

5.7 Target Officer

- 5.7.1** A Target Officer must be appointed for each section. The number of Target Officers thus corresponds to the number of Range Officers.

5.7.1.1 The Target Officer may also fill the role of a Scorer, or a Marker.

5.7.2 He cooperates with the Scorer in case of doubtful shots and doubtful situations and calls for a Jury ruling when such cannot be resolved.

5.7.3 If a bullet-hole cannot be located on the target, he is responsible for determining if the bullet-hole is on a neighbouring target.

5.7.4 He ensures targets are efficiently scored, marked, patched, and changed as necessary and as required by the rules.

5.8 Scorer

The Scorer will:

5.8.1 Call the value of the shots.

5.8.2 Bring the attention of the Target Officer to doubtful shots, and after the decision is made call the value of the shots.

5.8.3 Indicate the location of shots.

5.9 Marker (Patcher)

5.9.1 The Marker is responsible to the Target Officer. He will patch holes on the targets and on backing targets after they have been scored, and, at the completion of the series or stage, with other target operating personnel, change targets and backing targets for next shooters.

6. PRE-MATCH ADMINISTRATION

Refer also to PA General Rules for Pistol Shooting.

6.1 Special Conditions

All special conditions of entry are to be included with the entry form. These should include any additional safety requirements, use of shooting platforms where applicable, if the squadding is to be 'follow on', etc.

6.2 Availability of Chronograph

The chronograph that will be used during the competition, and the procedures that will be used for testing ammunition, must be available to the shooters at least one day before competition

7. SHOOTING PROCEDURES & COMPETITION RULES

Refer also to the PA General Rules and the PA General Technical Rules for Pistol Shooting.

7.1 Shooting Positions

7.1.1 Start / Ready Positions

SERVICE PISTOL ONLY

S/7.1.1.1 Start Position

For Service Pistol all shooting commences from the 'START' position. In the start position the shooter stands with both hands held shoulder high and must remain in this position while awaiting the appearance of the targets, or the Range Officer's call of "FIRE". When the targets begin to face or the range officer calls "FIRE" the shooter may draw the pistol.

S/7.1.1.2 Safe Position

The shooter engages safety or brings the pistol to a safe condition, holsters the pistol and stands with his hands clear of the pistol and awaits further instructions from the Range Officer.

SERVICE PISTOL UNRESTRICTED & SERVICE PISTOL 25 YARD ONLY

SU/S25/7.1.1.1 Ready Position:

For Service Pistol Unrestricted and for Service Pistol 25 Yard, all shooting commences from the 'READY' position.

SU/S25/7.1.1.1.1 In the "Ready Position" the shooter's arm must point downwards at an angle of not greater than 45 degrees from the vertical and the arm must remain in this

position while waiting for the appearance of the targets. When the targets begin to face the shooter may raise the Pistol.

SU/S25/7.1.1.2 After a command of “UNLOAD” shooters must unload the pistol.

7.1.2 Prone

In this position the shooter lies full length on the ground with his arms extended forward. His head must be behind the firing line. His body must be within the boundaries defined by parallel lines at right angles to the extremities of the group of targets. The pistol may be held in one or both hands.

7.1.2 Sitting or Kneeling

SERVICE PISTOL & SERVICE PISTOL UNRESTRICTED ONLY

S/SU/7.1.2.1 Sitting or Kneeling

The shooter's body must be within the boundaries defined by parallel lines at right angles to the extremities of the four targets. No part of the body above the waist may come in contact with the ground, nor may the shooter touch the firing line or barricade with any part of his body, or extend his feet over the firing line. The pistol may be held in one or both hands.

SERVICE PISTOL 25 YARD

S25/7.1.2.1.1 Sitting

The shooter's body must be within the boundaries defined by parallel lines at right angles to the extremities of the five targets. Both Buttocks must contact the ground. No part of the body above the waist may come in contact with the ground nor may the shooter touch the firing line or barricade with any part of his body or extend his feet over the firing line. The pistol may be held in one or both hands.

S25/ 7.1.2.1.2 Kneeling

The shooter's body must be within the boundaries defined by parallel at right angles to the extremities of the five targets. At least one knee must touch the ground and no part of the body above the knees may come in contact with the ground, nor may the shooter touch the firing line or barricade with any part of his body or extend his feet over the firing line. The pistol may be held in one or both hands.

7.1.3 Right Barricade Position

Standing behind the barricade, firing on the right side with or without support. The feet may not touch a line marked at right angles to the firing line at the edge of the barricade on the right side, or extend over the appropriate lines. The muzzle of the pistol must be forward of the barricade. The pistol must be held and fired with the right hand but may be supported by the left hand

7.1.4 Left Barricade Position

Standing behind the barricade firing on the left side with or without support. The feet may not touch a line marked at right angles to the firing line at the edge of the barricade on the left side, or extend over the appropriate lines. The muzzle of the pistol must be forward of the barricade. The pistol must be held and fired with the left hand but may be supported by the right hand

7.1.5 Standing Position / Standing Free

The feet may not touch the firing line or either lateral boundary of the shooting positions defined by parallel lines at right angles to the extremities of the group of targets, or extend over the appropriate lines. The pistol may be held in one or both hands.

7.1.6 Unsighted Position (*formerly the Crouch Position*)

The intent is that the pistol is to be fired unsighted. When firing from this position, no part of the pistol may be above shoulder level. The feet may not touch the firing line or either lateral boundary of the shooting positions defined by parallel lines at

right angles to the extremities of targets to be fired on, or extend over the appropriate lines. The pistol may be held in one or both hands.

7.1.7 Left hand only / right hand only

When shooting single-handed, the specified arm and wrist must be visibly free from support. The pistol is to be held and fired with one hand only.

7.1.8 Physically Disabled Shooters

Refer to Pistol Australia General Technical Rules for the complete policy on this matter.

7.1.8.1 All shooters are privileged to petition PA for permission to assume a special position or to use modified equipment, or both. A Special Authorization Certificate & card will be issued where the petition is successful. This may be Temporary or Permanent and will be specified on the certificate/card.

7.1.8.2 Shooters with special Authorization Certificates are required to carry them when competing in competition governed by these rules, and to present them when requested by officials of the competition.

7.1.8.3 In the event of a protest involving the position or the equipment used by such a shooter, the Jury will compare the questioned position or equipment with the certificate and photographs presented by the shooter. If the shooter's position or equipment does not, in the opinion of the officials, conform to that authorized (or if the shooter has no Authorized Certificate and pictures), the protest will be allowed and the shooter will be required to change immediately to the position or equipment, which has been approved or to an otherwise legal position or equipment.

7.1.8.4 Should a protest be carried beyond the Jury, the original protest will be endorsed by the Jury Chairman to show the action he/she has taken and will be forwarded to PA.

7.2 Preparation Time

7.2.1 Before the first stage of the match the shooter is permitted to occupy his shooting station for ten (10) minutes prior to the commencement of the competition, for the purpose of arranging equipment and loading magazines or speed loaders.

7.2.2 Before the beginning of each subsequent stage, the shooter must be allowed sufficient time to rearrange his equipment and reload magazines or speed loaders.

SERVICE PISTOL AND SERVICE PISTOL UNRESTRICTED ONLY

S/SU/7.2.3 Where the match is to be conducted on separate ranges for the 45.70m and the combined 22.85m/9.14m/6.40m stages, a three (3) minute Preparation time is allowed before the commencement of the 22.85 stage.

7.3 Match Procedure

SERVICE PISTOL & SERVICE PISTOL UNRESTRICTED ONLY

S/SU/7.3.1 The match consists of 90 shots fired over 4 stages:

24 shots at 45.70m

36 shots at 22.85m

18 shots at 9.14m

12 shots at 6.40m

7.3.1 Initial Loading and Ready Procedure

SERVICE PISTOL ONLY

S/7.3.1.2 At 45.70m: After the completion of preparation time the Range Officer calls "165 SECONDS LOAD". The shooters stand at the firing line and, load their pistols, ensure that their pistols are in the appropriate safe condition for their type, holster the pistols, retire approximately 2m behind the firing line, and assume the start position.

Note: For safety, each shooter must holster the pistol after they have loaded. After this the pistol may not be withdrawn from the holster until the targets face after the command "ARE YOU READY" or other appropriate command is given.

SERVICE PISTOL UNRESTRICTED ONLY

SU/7.3.1.2 At 45.70m: After the completion of preparation time the Range Officer calls "**165 SECONDS LOAD**".

The shooters stand at the firing line to load, The loaded pistol is placed on the firing line, and * The shooter stands approx. 2m behind the firing line.

SERVICE PISTOL AND SERVICE PISTOL UNRESTRICTED ONLY

S/SU/7.3.1.3 The Range Officer allows time for the shooters to load and assume the 'START' position and the Range Officer asks "ARE YOU READY" The shooter waits for the appearance of the target in the appropriate position.

S/SU/7.3.1.3.1 If no answer to the first call "ARE YOU READY" is heard within three seconds, the targets will be turned to the edge-on position to face the shooter after a delay of approximately seven seconds.

S/SU/7.3.1.3.2 If however, within three seconds of the first call of "ARE YOU READY" a shooter calls "NOT READY" or words to that effect, the Range Officer must wait approximately 15 seconds and again ask "**ARE YOU READY**" and the targets must be immediately turned to the

edge-on position to face the shooter after a delay of approximately seven seconds.

7.3.2 45.70m Procedure and Course of Fire

S/SU/7.3.2.4 After the command or signal to fire, or the facing of the targets, shooters assume the prone position. In assuming the prone position, the shooter must draw the pistol whilst the upper body is in the upright position and before or after the knees touch the ground. Once clear of the holster the pistol must face down range. At no time whether holstered or otherwise may a loaded pistol point rearwards.

S/SU/7.3.2.4.1 In the prone position the shooter fires the first series of 6 shots at target 4. The pistol may be held in one or both hands.

S/SU/7.3.2.5 The shooter unloads the pistol before moving into the sitting or kneeling position and assumes either the sitting or kneeling position, reloads and fires the second series of 6 shots at target 3. The pistol may be held in one or both hands.

S/SU/7.3.2.6 The shooter unloads the pistol before moving into position behind the barricade, reloads and fires the third series at target 2, standing behind the barricade on the right hand side with or without support. The pistol must be held and fired with the right hand but may be supported by the left hand.

S/SU/7.3.2.7 The shooter unloads, reloads and fires the fourth series of 6 shots at target 1, standing behind the barricade on the left side with or without support. The pistol must be held and fired with the left hand but may be supported by the right hand. The shooter unloads. After the Range Officer has cleared all pistols, the competitors move to the 22.85m line and the targets are scored and patched.

7.3.3 22.85m Procedure & Course of Fire

S/SU/7.3.3.1 After the range is clear and the shooters have moved to the 22.85m position the Range Officer calls out the series and gives the command "**LOAD**". He allows time for the shooters to load and assume the appropriate ready position and asks, "**ARE YOU READY**".

S/SU/7.3.3.2 At 22.85m the shooter fires 6 series of 6 shots starting from the appropriate position as follows:

S/SU.7.3.3.2.1 The 1st series at target 4 in 15 seconds standing behind the barricade on the right side with or without support. The pistol must be held and fired with the right hand but may be supported by the left hand.

S/SU.7.3.3.2.2 The 2nd series at target 3 in 15 seconds standing behind the barricade on the left side with or without support. The pistol must be held and fired with the left hand but may be supported by the right hand.

S/SU.7.3.3.2.3 The 3rd and 4th series of 6 shots each at targets 1 and 2 (or vice versa) in 35 seconds standing behind the barricade with or without support. One series fired with the left hand on the left side of the barricade at target 1 and one series fired with the right hand on the right side of the barricade at target 2. The pistol may be supported with one or both hands but must be held and fired with the specified hand.

S/SU/7.3.3.2.4 The targets are scored and patched.

S/SU/7.3.3.2.5 The 5th series of 6 shots, 3 shots each at targets 1 and 2 (or vice versa) in 6 seconds from the standing position clear of the barricade. Pistol may be held in one or both hands.

S/SU/7.3.3.2.6 The 6th series of 6 shots, 2 shots each at targets 2, 3 and 4 (in any order) in 6 seconds from the

standing position clear of the barricade. Pistol may be held in one or both hands.

S/SU/7.3.3.3 Competitors move to the 9.14m line. The targets are scored and patched.

7.3.4 9.14m Procedure & Course of Fire

S/SU/7.3.4.1 After the range is clear and the shooters have moved to the 9.14m position the Range Officer calls out the series and gives the command "LOAD". He allows time for the shooters to load and assume the appropriate ready position and asks, "ARE YOU READY".

S/SU/7.3.4.2 At 9.14m the shooter fires 3 series of 6 shots starting from the appropriate position as follows:

S/SU/7.3.4.2.1 The 1st series of 6 shots at target 4 in 4 seconds from the standing position. Pistol may be held in one or both hands.

S/SU/7.3.4.2.2 The 2nd series of 6 shots at target 3 in 8 seconds from the standing position, 3 shots fired with the left hand only and 3 shots fired with the right hand only (or vice versa). For each 3-shot string the pistol is to be held and fired with one hand only, no support may be given by the other hand or arm in any way.

S/SU/ 7.3.4.2.3 The 3rd series of 6 shots, 3 shots each at targets 1 and 2 (or vice versa) in 4 seconds from the standing position. The pistol may be held in one or both hands.

S/SU/7.3.4.3 Competitors move to the 6.40m line. The targets are scored and patched.

7.3.5 6.40m Procedure & Course of Fire

S/SU/7.3.5.1 After the range is clear and the shooters have moved to the 6.40m position the Range Officer calls out the series and gives the command "LOAD". He allows time for the shooters to load and assume the appropriate ready position and asks, "ARE YOU READY".

S/SU/7.3.5.2 At 6.40m the shooter fires 2 series of 6 shots, one series each at targets 1 and 2 (or vice versa) in 15 seconds from the 'unsighted' position. The pistol may be held in one or both hands.

S/SU/7.3.5.3 The targets are scored and changed for next shooters.

7.3.6 Loading – all stages

S/SU/7.3.6 Spare magazines and devices to aid in reloading are permitted. Spare magazines and/or other loading devices may be carried in suitable pouches attached to the shooters belt.

7.4 SERVICE PISTOL 25 YARD ONLY

S25/7.4.1 The match consists of 65 shots fired over 4 stages:

25 shots at 22.85 m

15 shots at 22.85 m

15 shots at 9.14 m

10 shots at 6.40 m

7.4.1 Initial Loading and Ready Procedure

SERVICE 25 YARD ONLY

S25/7.4.1.1 At all stages the Range Officer calls out the series and gives the command "LOAD" He allows time for the shooters to load and assume the appropriate ready

position and asks "ARE YOU READY" The shooter waits for the appearance of the target in the ready position.

S25/7.4.1.1 If no answer to the first call "ARE YOU READY" is heard within three seconds, the targets will be turned to the edge-on position to face the shooter after a delay of approximately seven seconds.

S25/ 7.4.1.2 If however, within three seconds of the first call of "ARE YOU READY" a shooter calls "NOT READY" or words to that effect, the Range Officer must wait approximately 15 seconds and again ask "ARE YOU READY" and the targets must be immediately turned to the edge-on position to face the shooter after a delay of approximately seven seconds.

7.4.2 22.85m Procedure & Course of Fire

S25/7.4.2.1 At 22. 85m 5 series of five shots are fired in a total time of 210 seconds as follows:

S25/7.4.2.1.1 The loaded pistol is placed on the firing line. The competitor stands approximately 2.0m behind the firing line and after the facing of the targets assumes the prone position, and fires the 1st series of 5 shots at target 5. The pistol may be held in one or both hands.

Note: The pistol must be visibly clear to comply with the 'unloaded' provision while changing position from prone to sitting or kneeling, from sitting or kneeling to standing; i.e. in addition to there being no ammunition in the pistol, revolvers must have the cylinder swung out and semiautomatic pistols must have the slide open and the magazine removed.

S25/7.4.2.1.2 The competitor unloads before moving to the sitting position and reloads (an unloaded pistol may be holstered during the loading of a magazine). Fires the 2nd series of 5 shots at target 4. The pistol may be held in one or both hands.

S25/7.4.2.1.3 The competitor unloads the pistol before moving into the kneeling position and reloads and fires the 3rd series of 5 shots at target 3. The pistol may be held in one or both hands.

S25/7.4.2.1.4 The competitor unloads the pistol before moving into position behind the barricade, and reloads and fires the 4th series of 5 shots at target 2 standing behind the barricade on the right side with or without support. The pistol must be held and fire with the right hand but may be supported by the left hand.

S25/7.4.2.1.5 The competitor unloads and reloads and fires the 5th series of 5 shots at target 1 standing behind the barricade on the left side with or without support. The pistol must be held and fired with the left hand but may be supported with the right hand. The competitor unloads.

S25/7.4.2.1.6 The targets are scored and patched.

S25/7.4.2.1.7 The 6th series of 5 shots, 3 shots at target 1, and 2 shots at target 2 in 6 seconds from the standing position clear of the barricade. The pistol may be held in one or both hands, and the targets addressed in any order.

S25/7.4.2.1.8 The 7th series of 5 shots, 1 shot at target 2, 2 shots at target 3 and 2 shots at target 4 in 6 seconds from the standing position clear of the barricade. The pistol may be held in one or both hands, and the targets addressed in any order.

S25/7.4.2.1.9 The 8th series of 5 shots on target The target is shown 5 times, each time for 3 seconds (+ 0.2 seconds - 0.00 seconds). The time between each appearance must be 7 seconds in the edge on position +/-1.0 sec). One shot only will be fired during each appearance of the target. The pistol may be held in one or both hands.

S25/7.4.2.2. Competitors move to the 9.14m line. The targets are scored and patched

7.4.3 9.40m Procedure and Course of Fire

S25/7.4.3.1 At 9.14 m the shooter fires 3 series of 5 shots starting from the ready position as follows:

S25/7.4.3.1.1. The first series of 5 shots at target 5 in 4 seconds from the standing position. The pistol may be held in one or both hands.

S25/7.4.3.1.2 The second series of 5 shots at target 4 in 6 seconds from the standing position, the pistol must be held and fired by the weak hand only, no support may be given to the weak arm in any way.

S25/7.4.3.1.3 The third series of 5 shots, 3 shots on target 1 and 2 shots on target 2 in 4 seconds from the standing position. The pistol may be held in one or both hands and the targets addressed in any order.

S25/7.4.3.2 After the Range Officer has cleared all pistols, competitors move to the 6.40m line. The targets are scored and patched.

7.4.4 6.40m Procedure & Course of Fire

S25/7.4.4.1 At 6.40 m, 2 series of 5 shots starting from the 'READY' position as follows:

S25/7.4.4.1.1 Two series of 5 shots, one series each at targets 1 and 2 (or vice versa) in 25 seconds from the 'unsighted' position (an unloaded pistol may be holstered during the loading of a magazine). Spare magazines and devices to aid in reloading are not permitted; ammunition must be loose in a pocket. The pistol may be held in one or both hands.

S25/7.4.4.2 After the Range Officer has cleared all pistols, the targets are scored and patched.

7.4.5 Loading – all stages: S25/7.4.5.1 The competitor places only the correct number of rounds that are required for a particular stage, in a pocket (one only, and the same pocket throughout the course of fire). The pocket must be standard for the garment worn, not an addition to accommodate ammunition for this competition.

Note: The rules require that the cylinder/magazine be loaded from the pocket, not from a pile of rounds on a table or dropped on the floor.

S25/7.4.5.2 If a competitor miscalculates and places less than the number of rounds in their pocket required for that stage, they are permitted to make up to the required number of rounds but will incur a 10point procedural penalty.

S25/7.4.5.3 Spare magazines and devices to aid in reloading are not permitted; ammunition must be loose in a pocket.

S25/7.4.5.4 Rounds dropped while loading for a series may be picked up and loaded for that series, or returned to the pocket. Rounds dropped in excess of that required for a series, and not returned to the pocket before the series is shot, may not be picked up during that stage, they must remain where they land until the completion of that stage (refer rule S25/7.4.5.1).

S25/7.4.5.5 If a competitor picks up and fires rounds which were dropped during a previous series in a stage and left on the floor, the shots will be scored and a 10 points penalty imposed for each round picked up.

7.5 Early / Late Shots

7.5.1 No shot may be fired before the start of the event or before the shooter is scheduled to fire, without the permission of the Range Officer.

7.5.2 Shots fired before the start or after the end of the official shooting time, or which are not fired, must be recorded as misses (scored as zeros) unless the Jury has authorised extra time.

7.5.3 A series commences at the moment the targets are turned away after the call of "ARE YOU READY". On stationary targets the series commences with the command "FIRE" or "START". Every shot fired after this must be counted in the competition.

7.6 Unload command

At the end of each series, the command "UNLOAD" is given, and:

7.6.1 The shooters must unload, leaving the pistol unloaded until the next command "LOAD",

7.6.2 Shooters and Register Keepers are informed of penalties imposed,

7.6.3 Shooters must not handle a pistol while any personnel are forward of the firing line,

7.6.4 Shooters may holster the unloaded pistol, or place it on the ground, or in a case.

7.7 Infringements and Disciplinary Regulations

7.7.1 Penalty Value.

In case of an infringement of the rules, ten points must be deducted from the score of that series.

7.7.2 Announcing Infringements & Penalties

The shooter must be informed of Infringements & Penalties that have been imposed after the command "UNLOAD" in the series where the infringement occurs.

7.7.2.1 To give the shooter the opportunity to correct the fault in following stage or series, the shooter must be notified of Infringements & Penalties before any following command “LOAD”.

7.7.3 Late Arrival

If a shooter arrives late and it can be proved that his late arrival is beyond his control, the Jury will determine whether he can be accommodated in a later detail.

7.7.4 Unapproved Pistol and/or equipment

7.7.4.1 If a shooter begins the competition with an unapproved pistol (and/or holster) and/or equipment, he must be penalized by the deduction of ten points for each shot fired. He will not be permitted to continue until his pistol (and/or holster) has been approved by Equipment Control. He may resume firing at a time and position determined by the Jury.

7.7.4.2 If a shooter, in contravention of the rules, exchanges his pistol (or holster) he will be disqualified by the Jury. The same penalty will apply if the shooter modifies or adjusts his officially approved pistol (or holster) so that it contravenes the rules.

7.7.5 Loading too Many

If a shooter loads his pistol with more than the specified number of rounds he must be penalized by the deduction of 10 points from that series, for each additional round loaded.

7.7.5.1 After loading for a stage or series, round/s may not be replaced.

7.7.5.2 If, while loading for a stage or series, a shooter exchanges a round or rounds without contravening any other applicable rule/s (for Service Pistol 25 Yard see S25/7.4.5.4), and without loading excess rounds at any given time 7.7.5.1 does not apply.

7.7.6 Firing with wrong hand

If during the match a shooter fires the incorrect number of shots with either hand, a 10-point penalty will apply for each shot fired with the wrong hand. All shots fired will be scored. The same penalty will apply if a shooter uses the other hand to support the arm, wrist, shooting hand, or pistol where 'one-hand' firing is specified.

7.7.7 Extra shot/s by shooter

When extra shots are fired by a shooter on his own target, the lowest valued shots will be disregarded.

7.7.7.1 Where projectiles 'separate' into two or more parts before striking the target giving more 'hits' than allowed, the lowest value hits are to be scored. The excess hits are to be disregarded.

7.7.8 Extra shot(s) on another shooter's target

When extra shots are fired by a shooter on another shooter's target the shots will be scored as zero.

7.7.8.1 Where the additional shots on the other shooter's target cannot be identified, the shooter not at fault will be credited with the highest value shot/s.

7.7.8.2 Shot before "LOAD", or after the command "UNLOAD".

7.7.9 Shot before LOAD or after the command "UNLOAD"

If a shooter fires a shot (accidental or deliberate) before the command "LOAD", or after the command "UNLOAD", the shooter will be disqualified by the Jury.

7.7.10 Shot after "LOAD"

A shot fired after the command "LOAD", but before the start of the competition will incur a 10-point penalty and the shot then disregarded. The shooter will be permitted to reload

7.7.11 Shot Fired in Holster

Should a shot be fired whilst the pistol is in the holster, the shooter will be disqualified by the Jury and the shooter's Holster Accreditation removed.

7.7.12 Shot Fired after Series

A shot fired after completion of the series time will be scored as a zero. If the shot cannot be identified, highest valued shot must be deducted from that target and scored as a zero.

Note: This refers to shots shortly after the time for a series. For any shot/s fired outside this, a shooter will be warned, and may be penalised 10 points, or may be disqualified.

7.7.13 Shooter not at the appropriate Position

7.7.13.1 At the commencement of a stage or series.

If at the start of a series a shooter is not at the appropriate position for the commencement of a series or stage, a ten-point penalty will apply to that series.

Note: After the call of "ARE YOU READY" the shooter must remain in the appropriate position until the targets begin to face, or the appropriate command to commence the series or stage on stationary targets.

7.7.13.2 Feet on, or over the firing Line or boundary line

In the sitting, kneeling and standing positions the shooter must not touch with, or extend his feet over the firing and/or appropriate boundary line/s with either foot.

Note: The ten-point penalty applies to the series, not to each shot fired.

Note: A shooter may have multiple position infringements in a stage; in this case there is a penalty for each infringement.

7.7.13.3 Sighting in the Unsighted Position

If during the 6.40m series a shooter fires with any part of the pistol above shoulder level, a ten-point penalty will apply for each shot so fired. All shots fired will be scored.

7.7.14 Shots fired out of sequence

Shots fired out of sequence will be scored as 'zero'.

7.7.14.1 If the shots fired out of sequence cannot be identified, only the appropriate number of highest value shots on the target/s will be scored.

7.7.14.2 Once a shooter has fired a shot in a new position he may not return to a previous position to fire any unfired shots in that previous position.

Note: If a shooter wishes to return to a previous position (i.e. no shots have been fired in the new position), the pistol must be visibly unloaded.

7.7.15 Series too Short

If a shooter considers that the duration of the series was too short and as a consequence was unable to fire the required number of shots, he may inform the Range Officer immediately after the series finishes.

7.7.15.1 The Range Officer and/or Jury must check the timing of the mechanism.

7.7.15.2 If it is confirmed that there has been an error, the shooter/s who have not completed the series will have the option of a re-shoot of the series. Shooters in that series, who have completed the series will not have the option of a re-shoot.

7.7.15.3 In the case of a re-shoot of the series due to 7.7.15, the original shots fired must be annulled.

7.7.15.4 If the claim is considered not justified the result of the series must be credited to the shooter and recorded.

7.7.16 Shooter Disturbed

Should a shooter consider that he was disturbed while firing a shot or whilst about to fire a shot, he must not fire another shot but must hold his pistol in a safe direction, i.e. pointing

downrange, and make his claim to the Range Officer or Jury Member without disturbing other shooters.

7.7.16.1 If the claim is considered justified, the series or stage must be annulled and the shooter may repeat the series or stage.

7.7.16.2 If the claim is considered not justified and the shooter has finished the series, the series must be credited to the shooter.

7.7.16.3 If the claim is considered not justified and the shooter has not finished his series, the shooter may repeat the series or stage and the score will be the lowest scoring shots of the two series or stages target by target.

7.7.16.4 If the claim is considered not justified and no shots have been fired, the series or stage must be repeated and a 10 point penalty will apply to that series or stage.

7.7.17 Target Falls

Should a target fall during a series and before the shooter has fired all shots, all shots and targets affected in that stage must be annulled. The series or stage must be reshot when shooters in that detail have completed that series or stage.

7.7.18 Incorrect Range Command

If the Range Officer's command or action has been made incorrectly or if there has been a misunderstanding due to an incorrect command, so that the shooter is not ready to fire when the command or signal to fire is given or when the targets appear, he may bring his pistol to a safe condition (i.e. the safe position for Service Pistol: unloaded for Service Pistol Unrestricted and for Service Pistol 25 Yard), or he may continue to hold his loaded pistol pointing in a safe direction i.e. pointing downrange, and make his claim to the Range Officer or Jury Member without disturbing other shooters.

7.7.18.1 If the claim is considered justified the shooter must be allowed to fire the series.

7.7.18.2 If the claim is considered not justified the shooter may fire the series, but must be penalized by the deduction of 10 points from the score of that series.

7.7.18.3 If the shooter has fired the first shot in the series a protest regarding an incorrect range command will not be accepted.

7.7.19 Handling Pistol Dangerously

If a shooter handles a pistol in a dangerous manner, or violates any safety rules, the shooter may be disqualified by the Jury. This disqualification does not require any previous warning.

7.7.20 Delaying the Competition

If the Range Officer or Jury considers that the shooter is delaying the competition unnecessarily with the intention of gaining unfair advantage, the shooter must be warned. For every similar fault thereafter, ten points must be deducted from the shooter's score.

7.7.21 Giving False Information

If when asked to give an explanation for an incident a shooter consciously and knowingly gives false information, ten points must be deducted. In serious cases disqualification may be imposed by the Jury.

7.7.22 Repeated Infringements

For repeated infringements a shooter may be disqualified by the Jury.

7.7.23 Recording Penalties

Irregularities, penalties, misses, repeated series or stages, annulment of shots etc., must be recorded in the Range Register and on the score card by the

Range Officer or Jury Member for the attention of the Chief Classification Officer.

7.7.23.1 Deductions from the score must be effected in the series in which the contravention occurred.

7.7.23.2 General deductions must be deducted from the first stage.

7.7.24 Dropping a Pistol

The shooter must obtain the permission of the Range Officer to pick up the pistol.

7.7.24.1 Dropping of a loaded pistol will result in disqualification.

7.7.24.2 Dropping an unloaded pistol will incur a ten points penalty.
Note: This penalty does not apply during Preparation Time.

8. MALFUNCTION OF A PISTOL

8.1 Unfired Shots

If a shot cannot be fired for any reason no re-shoot will be allowed. Only those shots fired must be counted. The shooter may continue in subsequent series, (in the same detail only) providing the pistol is operating in a safe manner.

8.1.1 A shooter may not repeat or be reallocated for any series he has missed.

8.1.2 A pistol may not be replaced for any reason.

9. RULES OF CONDUCT FOR SHOOTERS AND TEAM OFFICIALS

Refer also to PA General Rules for Pistol Shooting.

9.1 Coaching

- 9.1.1** All types of coaching while the shooter is on the firing line are forbidden. While on the firing line the shooter may speak only with Jury Members or Range Officials.
- 9.1.2** If a shooter wishes to speak to anyone else, he must unload the pistol, leave it in a safe condition on the firing line and leave the firing line only after notifying the Range Officer. This must be done without disturbing other shooters.
- 9.1.3** If a Team Official wishes to speak with a shooter on the firing line, the Team Official must not contact him directly or talk with him. The Team Official must obtain permission from the Range Officer or Jury Member, who will call the shooter from the firing line.
- 9.1.4** If a Team Official or shooter violates Rule 9.1.2 or Rule 9.1.3 a warning must be issued the first time. In repeated cases ten points must be deducted from the shooter's score and the Team Official must leave the vicinity of the firing line.

10. EQUIPMENT CONTROL

Refer also to the PA General Rules for Pistol Shooting.

10.1 Testing of Ammunition

For the complete chronograph procedures refer to PA NRC 001 Recommended Chronograph Procedures for all PA Championships.

SERVICE PISTOL & SERVICE PISTOL 25 YARD ONLY

S/S25/10.1.1 Ammunition samples for ALL competitors will be tested. The Range Officer will collect 10 rounds at random from each competitor during preparation time.

Note: rounds must be selected by the range officer and not by the competitor.

S/S25/10.1.2 The Jury may select, by random draw, additional shooters from whom ammunition will be collected at the start of any stage – the original collected ammunition

will be returned at the time the second samples are collected.

S/S25/10.1.3 The specified Power Factor is:

120 000 for Service Pistol

60 000 for Service Pistol 25 Yard

S/S25/10.1.4 Loads will be tested through the shooter's competition pistol.

S/S25/10.1.5 The Organizing committee may commence chronographing of any ammunition samples at any time prior to the results being known.

S/S25/10.1.6 After completing a match where Power Factor applies each shooter goes to the allocated range section where chronographing is to be conducted and completes the procedure

S/S25/10.1.6 Any competitor who does not present with his pistol for the testing of the ammunition before the expiry of Protest Time for the match will be disqualified by the Jury

10.2 Safety Mechanisms

10.2.1 The proper functioning of all safety mechanisms applicable to the type, make and model of pistol are to be checked at Equipment Control, e.g.:

transfer bars as fitted to revolvers,

a grip safety may not be disabled.

10.2.2 The type of holster/belt combination is to be inspected at Equipment Control.

10.2.2.1 Match Officials are required to prohibit the unsafe use of any holster by any competitor". The type and style of holster and position is to be checked at Equipment Control. Additionally, the Range Officer/s have continuing responsibility for this once the shooter is under their control.

11. SCORING PROCEDURES

Refer also to PA General Rules for Pistol Shooting.

The Jury may approve the use of the 'Cameron System' for scoring.

11.1 Value of Shots

11.1.1 Bullet-holes are scored to the value of the highest value target scoring zone that is hit. If part of a scoring ring is touched by the projectile, the shot must be scored to the higher value. Such a hit is defined as when a bullet-hole or the plug gauge touches part of the outside edge of the scoring ring separating the scoring zones.

11.1.2 When the accurate use of the plug gauge is made difficult by the close proximity of another bullet-hole, the shot value must be determined by means of an engraved gauge of some flat transparent material, to aid in reconstructing the position of a scoring ring or number of bullet holes which may overlap.

11.1.2.1 Shots in dispute must be scored with the aid of a plug type gauge or other instrument approved by the National Referee Council. Gauges must always be inserted into the shot hole with the target in the horizontal position.

11.1.2.2 The rim diameter of the plug gauges is 65mm and the spindle diameter to suit the calibre used by the shooter.

Note: These are the same gauges used for ISSF .32 and .38 calibres.

11.1.3 If two scoring officials do not agree on the value of a shot, a decision from the Jury must be requested immediately.

11.1.4 No appeal may be made against a shot value that has been decided by means of a gauge. Such decision is final. Appeals are allowed only in respect of scores that have not been decided by the use of a gauge or in cases of incorrect addition or incorrect entries on the range register.

11.1.5 The plug gauge may be inserted only once in any bullet-hole.

11.1.6 Hits outside the scoring rings of the shooter's target are scored as zero.

11.2 Skid shots

11.2.1 Shots fired while the target is in motion may be scored as hits only if the greatest horizontal dimension of the hole measures 1 mm or less.

11.2.1.1 The horizontal elongated bullet hole is measured with a "skid gauge"

11.2.1.2 In the case of a scoring skid shot touching two scoring areas, the higher value is scored.

11.2.2 Skid Gauges

The Skid Gauge is a flat transparent plastic plate with two parallel lines engraved on one side. The lines are 11.00 mm (+ 0.05 mm - 0.0 mm) apart measured between the inside edges of the engraved lines.

11.3 Scores must be recorded

Scores must be recorded by the Second Register Keeper on a scorecard, which must have spaces for the name, Country, State, start number of the shooter, number of the relay, range and firing point, and competition scores. There must be room for entering necessary details such as warnings, penalties, irregularities, etc.

11.3.1 By the First Register Keeper in the back up Range Register in a similar manner.

11.3.2 For the benefit of the spectators the score may be marked on a small scoreboard located behind the shooter by the First Register Keeper.

11.3.3 By the Classification Office in the master register and on the main scoreboard.

12. TIE BREAKING

Refer also to the PA General Rules for Pistol Shooting.

12.1 Perfect score

Perfect score ties will not be broken.

12.2 Placings - Individual

12.2.1 The placings in the Results List will be by score order including any tie breaking.

12.3 Tie Breaking

12.3.1 Ties - Individual

SERVICE PISTOL & SERVICE PISTOL UNRESTRICTED ONLY

S/SU/12.3.1.1 Any individual ties for the first three places will be decided by a shoot-off of two six-shot series at 6.40m. Should the tie be unbroken a further two series will be fired until a result is reached.

S/SU/12.3.1.2 For 4th-10th place by a count back of last 12 shots, then next 18 shots, then next 36 shots, then next 24 shots.

SERVICE PISTOL 25 YARD ONLY

S/25/12.3.1.1 For the first three places by a shoot-off of two five-shot series at 6.40m. Should the tie be unbroken a

further two five-shot series will be fired until a result is reached.

S/25/12.3.1.2 For 4th-10th place by a count back of last 10 shots, then next 15 shots, then next 15 shots, then next 25 shots.

12.3.1.3 Ties beyond 10th will be recorded in alphabetical order by the shooter's family name.

12.3.2 Ties - Teams

SERVICE PISTOL & SERVICE PISTOL UNRESTRICTED ONLY

S/SU/12.3.2.1 For the first five places by totalling the scores of the team members for the last 12 shots, then the next 18 shots, then the next 36 shots and then the next 24 shots. If still a tie, then each team will nominate one member of its team to shoot off according to **S/SU**

SERVICE PISTOL 25 YARD ONLY

S25/12.3.2.1 For the first five places by totalling the scores of the team members for the last 10 shots, then the next 15 shots, then the next 15 shots and then the next 25 shots. If still a tie, then each team will nominate one member of its team to shoot off according to Rule S25 b12 3

13. PROTESTS AND APPEALS

Refer to PA General Rules for Pistol Shooting.

13.1 The allowed protest time for lodging a score protest after posting of scores is 15 minutes from the time of such posting.

14. PROTOCOL, AWARDS & RECORDS

14.1 Australian Records may be established at PA Championships, or other competition approved by PA.

14.1.1A report on a newly established Australian record must be prepared by the National Referee Council Jury present. The report must confirm that the rules of PA and the competition programme were followed.

14.2 Titles and Medals

14.2.1 Titles and medals are awarded for individual and team competition only in accordance with PA direction.

15. MEDIA RELATIONS

Also refer to PA General Rules for Pistol Shooting.

15.1 Facilities

Suitable facilities, assistance, and cooperation must be provided for the press, radio, and television personnel, to ensure publicity. During competitions, however, the shooters must not be disturbed by photography or interviews.

15.2 The Classification Office must publish as soon as possible, the correct final result lists. They must contain the family name, first name, start number and the State or Territory of each shooter. These results must be made available to the news media.

15.3 Progressive, preliminary and final scores must be displayed on large scoreboards to keep the shooters, spectators and the news media informed at all times. These scoreboards must be located near the competition ranges, but at a suitable distance to avoid disturbing the shooters.

15.4 Start Numbers

15.4.1 All shooters must wear the supplied identification or start numbers fixed on their backs between shoulder and waist during both competition and training.

INDEX

Ammunition	
collection for testing	27
random sample	52
specifications	23
Bib Numbers	58
Chief Range Officer	27
Coaching	
not allowed on line	51
Competition Officials	24
Course of Fire	
Service 25 yard.....	39
Service Pistol.....	34
Service Unrestricted	34
Early or late shots	43
Equipment (shooter).....	21
Equipment Control	
ammunition testing	52
safety mechanisms	53
Firearms	
specifications	16
Holsters.....	5, 22
accreditation required	2
International shooter.....	6
other than service pistol.....	6
Infringements & Penalties	
announcing	44
delay competition	50
dropped pistol.....	51
extra shots	46
give false information	50
handle dangerously	50
incorrect position.....	47
load too many.....	45
penalty value	44
recording.....	50
repeated	50
shot after UNLOAD	46
shot before LOAD.....	46
shot fired in holster.....	47
shots out of sequence.....	48
sighting in unsighted pos'n .	47
unapproved equipment	45
wrong hand	46
Irregularities	
disturbance	48
incorrect command.....	49
late and early shots.....	43
late arrival	45
series too short	48
target falls	49
Jury	
duties and functions	24
individual decisions.....	25
majority.....	25
not in rules - must decide ...	26
supervisory and advisory	25
Jury of Appeal	26
decisions are final	26
Loading	
service 25 yard	43
Malfunction of a Pistol	51
Marker	29
Media	
results to be made available	58
suitable facilities to be	
provided.....	58
Preparation time.....	34
Range Officer	27
Ranges	
barricades	15

firing points.....	13	physically disabled	33
general standards	12	prone.....	31
raised platforms.....	16	sitting or kneeling	31
shooting distances	13	standing	32
spectator areas	16	start or ready	30
Records		unsighted	32
May be established.....	57	Special conditions	
Register Keepers		must be on entry form.....	29
may use Cameron system...	28	Start Numbers.....	58
Rules		Target Officer	28
objectives and format.....	4	Target Operator	28
Rules of Conduct.....	51	Targets	
Safety	4, 5	backing boards.....	9
all mechanisms operable	5	backing targets.....	12
eye protection	4	new targets supplied	9
handle dangerously	50	service 25yd target	8
hearing protection	4	service match target	7
use of holster	5	timing.....	11
Score Boards	58	Tie Breaking	
Scorer	29	individual.....	56
Scoring Procedures	54	shoot off rules.....	56
Shooting Positions		teams	57
barricade.....	32	Titles and Medals.....	58
one hand only	33		